

Serial No. 10/727,727
Art Unit: 1794

In the Claims:

Please enter the following amended claims in the application. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended): A method of coating a glass substrate, said method comprising:

- (a) providing a glass substrate;
- (b) applying to the glass substrate a coating composition

comprising:

(1) from 1% to 98% by weight of a solventless, epoxy resin, reaction product of epichlorohydrin and at least one component selected from the group consisting of bisphenol A and bisphenol F with a viscosity of 5,000 mPas to 15,000 mPas at 20°C, which reaction product is liquid at 20 °C;

(2) from 1% to 98% by weight of a water-dilutable epoxy resin hardener;

(3) from 1% to 98% by weight of water; and

(4) optionally additives; and

(c) curing the coating composition.

2. (Canceled)

3. (Canceled)

4. (Original): The method according to claim 1, wherein the epoxy resin reaction product comprises a reaction product of epichlorohydrin and bisphenol A.

5. (Original): The method according to claim 1, wherein the glass substrate comprises a glass fiber.

6. (Currently Amended): A coated glass fiber prepared by the process comprising:

(a) providing a glass fiber to be coated;

(b) providing a coating composition comprising: a solventless, liquid at 20°C, epoxy resin reaction product of epichlorohydrin and at least one component selected from the group consisting of bisphenol A and bisphenol F with a viscosity of 5,000 mPas to 15,000 mPas at 20°C in an amount of from 1 to 98% by weight, a water-dilutable epoxy resin hardener in an amount of from 1 to 98% by weight, and water in an amount of from 1 to 98% by weight and optionally additives;

(c) applying the coating composition to at least a portion of the glass fiber; and

(d) curing the coating composition.

7. (Canceled)

8. (Original): The coated glass fiber according to claim 6, wherein the epoxy resin reaction product comprises a reaction product of epichlorohydrin and bisphenol A.

9. (Previously Presented): A method of reinforcing synthetic fiber, said

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method comprising:

- (a) providing a synthetic fiber;
- (b) providing a coated glass fiber according to claim 6; and
- (c) combining the synthetic fiber and the coated glass fiber;

whereby, a synthetic fiber reinforced with a coated glass fiber is formed.

10. (Previously Presented): A composite material comprising the coated glass fiber according to claim 6.

11. (Previously Presented): The method of claim 1 wherein the coating composition is cured at ambient temperatures.

12. (Previously Presented): The coated glass fiber of claim 6 wherein the coating composition is cured at ambient temperatures.

13. (New) A reinforced synthetic fiber comprising: a synthetic fiber and a reinforcing fiber comprising a coated glass fiber of claim 6.

14. (New) The method of claim 1 wherein the hardener comprises at least one composition selected from the group consisting of B1, B2 and B3.

15. (New) The coated glass fiber of claim 6 wherein the hardener comprises at least one member selected from the group consisting of B1, B2 and B3.